

Anti-Histone H2A (Butyryl-K5) Antibody
Rabbit polyclonal antibody to Histone H2A (Butyryl-K5)
Catalog # AP61418

Specification

Anti-Histone H2A (Butyryl-K5) Antibody - Product Information

Application	WB, IHC
Primary Accession	P0C0S8
Other Accession	P22752
Reactivity	Human, Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14091

Anti-Histone H2A (Butyryl-K5) Antibody - Additional Information

Gene ID 8329;8330;8332;8336;8969

Other Names

H2AFP; H2AFC; H2AFD; H2AFI; H2AFN; Histone H2A type 1; H2A.1; Histone H2A/p

Target/Specificity

Recognizes endogenous levels of Histone H2A with a site at Butyryl-K5 protein.

Dilution

WB~~WB (1/500 - 1/1000), IH (1/50 - 1/200)

IHC~~1:100~500

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-Histone H2A (Butyryl-K5) Antibody - Protein Information

Name H2AC11 ([HGNC:4737](#))

Synonyms H2AFP, HIST1H2AG

Function

Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

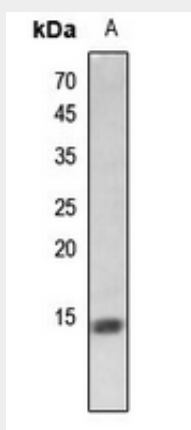
Cellular Location

Nucleus. Chromosome.

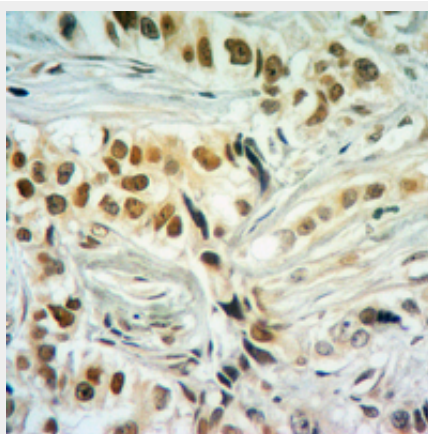
Anti-Histone H2A (Butyryl-K5) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Histone H2A (Butyryl-K5) Antibody - Images

Western blot analysis of Histone H2A (Butyryl-K5) expression in MCF7 (A) whole cell lysates.



Immunohistochemical analysis of Histone H2A (Butyryl-K5) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Anti-Histone H2A (Butyryl-K5) Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Histone H2A with a site at Butyryl-K5. The exact sequence is proprietary.